

Livestock flies - Gen.

P. O. Box 232
Kerrville, Texas

September 29, 1952

To: E. F. Knipling, In Charge, Division of Insects
Affecting Man and Animals

From: C. L. Smith, Acting in Charge

Subject: Report - Screw-worm Survey in Nebraska

We are enclosing for your information a report by Dr. Quate
and Mr. Roselle of Nebraska regarding the screw-worm situation in
that State.

Enclosure

CLSmith:eog

Kerrville, Texas
P. O. Box 532

September 29, 1932

To: E. F. Knipping, In Charge, Division of Insects
Affecting Man and Animals

From: G. L. Smith, Acting in Charge

Subject: Report - Screw-worm Survey in Nebraska

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Enclosure

G. L. Smith

SCREW-WORM SURVEY IN NEBRASKA, September 17 and 18, 1952. (Dr. L. W. Quate and Mr. R. E. Roselle)

CUSTER COUNTY:

Called on County Agent. Assistant County Agent, Lester Burnham, accompanied us to the Grasslands Veterinarian Hospital, Drs. Pitt and Walker. Screw-worm infestations generally heavy in all of area, however this being the only veterinarian establishment in a large area, the cases received at Grasslands do not reflect a true picture of the situation. They have been treating at the hospital since about August 10. Most infestations were in navels of all dropped calves. Observed three active cases of navel infestations, one leg infestation of a cow, two penis and scrotum infestations of bulls at hospital. Collected larvae from navel infestations, and adult flies from foot-rot infection of one bull. Adult and larvae specimens left with county agent. Veterinarians using and prescribing EQ 335.

THOMAS AND BLAINE COUNTIES:

Halsey: Called at Hqs. Nebraska National Forest, Superintendent of forest was not present. Conferred with two foresters who reported general infestation of forest herd in navels and general wounds. Reported infestations of range cattle in the area.

Thedford: County Agent working in other counties. Conferred with several ranchers and other county officials.

Pound Brothers Ranch: Reported 85-95 summer and fall calves, with nine cases of navel screw-worms. One calf killed by screw-worms. Had Smith two cases in 1950, four in 1951. Noticed infestation and started treating early in August.

at Arnold shipped in 500 head of Texas cattle earlier in the season. Trouble
havelle. One case of horse infested in wire cut. Reported that a Mr. Smith
Wells Ranch: Has 18 cases of calves infested in brand wounds and
cow with rear flank infestation, several calves with navel infestations.
Baskin Ranch: Noticed infestations within the last three weeks. One
was heavy. There are many calls for remedy.

Stapleton: Reports from Produce station and drug store that infestation
LOGAN COUNTY:

reported that no infestations were known in that area and west.
Mullen: Only one call for screw-worm remedy all summer. Feed stores
HOOKER COUNTY:

Large numbers of Texas cattle have been brought into this area.
stocks 2 near 62, 235, and chloroform remedies, all Franklin products.
The drug store at Theford is having numerous calls for remedies,
shipped into his area from the south this year.

Mr. Swift stated that he observed screw-worm and fleece-worm infested sheep
club work was excellent, and the most fertile field for seeding education.
through 4-H Clubs and other youth groups. Expressed his opinion that 4-H
than ever before, beginning in April. He suggested an educational program
far more important livestock pest than all others. It was worse this year
with 335. Was not alarmed. Expressed his opinion that the beef fly is a
with screw-worms. Has a few cases, mostly navel infestations. Treating
John C. Swift Ranch: Mr. Swift has ranch in Texas, so was familiar
herd were reported, but Mr. Anderson did not admit screw-worms being present.

G. E. Anderson Ranch: Mr. Anderson very reserved. Infestations in his

in area started near Arnold and gradually spread to Stapleton area and west.

LINCOLN COUNTY:

North Platte: County Agent not in office.

Dr. Stafford DVM: Has treated approximately 50 cases, prescribed for many more. Cases extended 35 miles west of North Platte. One case of infested scrotums of castrated pigs. Rapid increase of cases the past 3 - 4 weeks. Dr. Stafford expressed his opinion that infestations were coming from Southern herds being moved into Nebraska as a result of extreme dry conditions in Texas.

DAWSON COUNTY:

Mr. Frank Sibert, Assistant County Agent reported general infestations in the vicinity of Red Cloud (Webster County), his home. Red Cloud infestations have occurred each year for the past three years. This year being the most severe. Most cases within the past four weeks. Reported the occurrence general in Dawson County.

Drs. Knapple & Hundley, Lexington: Infestations one to ten of August. Have treated 40 - 50 cases, prescribed for many more. All calls from farmers, none from feed lots which are feeding southern stock. Infestations heavier south of Lexington, lighter north.

BUFFALO COUNTY:

Dr. G. L. Taylor, Kearney: Dr. Taylor reports about 30 cases treated mostly navel cases. Extends generally over his territory. Has prescribed for a great number of farmers. Dr. Taylor has had more difficulty controlling house flies near his hospital than ever before.

HALL-HAMILTON COUNTIES:

Dr. Mosslander, Grand Island: Has treated over 100 cases, prescribed for 200 more or less. Extends for a radius of 25-30 miles around Grand Island.

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North Platte: County Agent not in office.

LINCOLN COUNTY:

in area started near Arnold and gradually spread to Stapleton area and west.

Related a case of screw-worms five years ago starting from a herd of sheep shipped to Hastings. Infestation apparently heavier in his area than others surveyed.

LANCASTER COUNTY:

Dr. Ackerman, Lincoln: Secretary reported continuous calls on screw-worm the past 6 - 8 weeks, extending East as far as Elmwood. Mostly farm calls. Infestation reported very heavy in this area. Infestations much earlier than in past years.

SUMMARY:

Infestation general throughout central and eastern Nebraska. Heaviest apparently present from Kearney East to Iowa-Missouri borders. West of Paxton in the south and Mullen in the north infestation apparently not important.

Southern animals have been received in most areas having screw-worm infestations. Indications are that the origin is probably from these imported animals. Strong southerly winds have been common this summer, as long as five days in some areas. Flies could have been blown in if infestations were present in Kansas earlier this season.

Infestation in the sand-hill range areas not serious, although difficult to treat. Ranchers, not being acquainted with the insect, are very anxious. All expressed thanks that information was received, and said that they would tell others having infestations.

Most infestations are, without doubt, the true screw-worm. Some reported cases are probably due to other species of blow-flies.

Following this survey specimens were sent in from Cherry County. These were taken from the navel of a calf.

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Infestation reported very heavy in this area. Infestations much earlier the past 6 - 8 weeks, extending East as far as Elmwood. Mostly farm calls. Dr. Ackerman, Lincoln: Secretary reported continuous calls on screw-worm
LANCASTER COUNTY:
surveyed.
Related a case of screw-worms five years ago starting from a herd of sheep shipped to Hastings. Infestation apparently heavier in his area than others

Lewis & Clark

P. O. Box 232
Kerrville, Texas

September 22, 1952

AIR MAIL

Dr. Roscoe E. Hill,
Department of Entomology,
University of Nebraska,
Lincoln, Nebraska.

Dear Dr. Hill:

We appreciate very much your report on the screw-worm infestation in Nebraska.

At present we do not feel that the situation justifies sending a screw-worm scout to your area to assist in bringing them under control because ordinarily within a week or so weather conditions would normally reduce the screw-worm infestations. However, if the situation should become acute, if you will notify us, we can dispatch a man to your State within a short time.

To assist personnel in states in which screw-worms are not too common our laboratory plans to fix a number of Rikermounts of dipterous larvae which might invade wounds. It will be some time before these Rikermounts can be prepared for distribution and as soon as we can we will send you one.

Very truly yours,

C. L. Smith, Entomologist
Acting in Charge

cc: E. F. Knipling

CSmith:ecg

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

Livestock Flies *67*
FROM _____

BUREAU _____

CHG. APPROPRIATION _____

U. S. GOVERNMENT PRINTING OFFICE

10-1723

Lincoln, Nebraska
September 22, 1952

Handwritten: Later part of week
C. L. SMITH

SCREW-WORM INFESTATION GENERAL THROUGHOUT CENTRAL AND SOUTHEASTERN
NEBRASKA. HUNDREDS OF CASES TREATED BY VETERINARIANS, IF INTERESTED.

ROSCOE E. HILL
DEPT. OF ENTOMOLOGY
UNIVERSITY OF NEBRASKA

PHONED TO: ecg
9:05 a.m.

Dr. Wilbur B.A.I. Inspector from
Gallala (Keith Co.) reported
severe screwworm outbreak
in Western Nebraska to Dr.
Petersman Chief Inspector B.A.I.

Focal Points of Infestation

1. Thomas Co.
Thedford
Halsey

2. Blaine Co
Dunning

3. Custer Co
Broken Bow

Dr. Tison or Dr. Hill

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

FROM _____

BUREAU _____

CHG. APPROPRIATION _____

U. S. GOVERNMENT PRINTING OFFICE

10-1723

September 16, 1952
Govt. Rate - Collect

E. F. Knipling
Bur Ent. & Plant Quarantine
U S Dept Agr.
Washington D C

NEBRASKA ENTOMOLOGISTS INVESTIGATING SCREWWORM SITUATION DR HILL ENTOMOLOGY
DEPARTMENT WILL REPORT KERRVILLE SATURDAY KERRVILLE CALL YOU MONDAY

C. L. SMITH

phoned in by mb: 9:10 a.m.

9:20 a.m.

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

FROM _____

BUREAU _____

CHG. APPROPRIATION _____

U. S. GOVERNMENT PRINTING OFFICE

10-1723

September 16, 1952

Division of Investigations Affecting Man and Animals
Kerrville, Texas

REPLY TO YOUR CALL BAI HERE BELIEVES SCREW-WORM WORST ON RECORD. NEBRASKA
ENTOMOLOGISTS WILL INVESTIGATE SITUATION IN HALSEY DUNNING AREA THIS WEEK.
WILL SEND YOU REPORT SATURDAY.

ROSCOE E. HILL
DEPARTMENT OF ENTOMOLOGY
DEPARTMENT OF AGRICULTURE
LINCOLN, NEBRASKA

PHONED TO: ecg
8:20 a.m.

